



Release Notes for Cisco UCS Manager Plug-in Release 3.x for VMware vSphere HTML Client

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About Cisco UCS Manager Plug-In for VMware vSphere HTML Client

Cisco UCS Manager plug-in is a VMware vSphere HTML client plug-in, which enables the virtualization administrator to view, manage and monitor the Cisco UCS physical infrastructure. The plug-in provides a physical view of the UCS hardware inventory on the HTML client.

Revision History

Release	Date	Description
3.0(1)	September 24, 2018	Published release notes for Cisco UCS Manager Plug-in for VMware vSphere HTML Client

System Requirements

Ensure that the system meets the following requirements:

- .Net Framework 4.5 or higher
- Install VMware PowerCLI 5.1 or higher to run the registration tool
- Install VMware vCenter 6.7 or higher

For VMware vCenter 6.7, install the vCenter and HTML client on the same machine.

For information on VMware vSphere HTML client prerequisites, see http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=2005083

VMware vSphere HTML Client Releases

Cisco UCS Manager plug-in is compatible with the following vSphere HTML Client releases:

- Release 6.7 and higher

Supported Cisco UCS Manager Releases

Cisco UCS Manager plug-in is compatible with the following UCS Manager releases:

- Release 3.2

Features of Cisco UCS Manager Plug-In

This section provides an overview of the significant features in this release. This section does not provide an exhaustive list of all enhancements included in this release.

Release 3.0(1)

This release includes the HTML plug-in. All features that are in flex are now available in HTML.

Some of these features are:

- Cisco UCS physical hierarchy view
- Overall health of server and other infrastructure components
- Maps UCS servers to ESX hosts
- Inventory, installed firmware, faults, power, and temperature statistics for each server/ESX host
- KVM launch for all ESX and non-ESX servers
- Switch on and off locator LED and launch Cisco UCS Manager GUI for each server
- Support for UCS Mini
- Registration tool for registering the plug-in with the vCenter
- Perform key actions on ESX, non-ESX servers, and other UCS components
- View service profile, service profile templates, server pools, and host firmware packs for each UCS Domain
- Server firmware management using host firmware pack
- Support for VMware vSphere HTML client 6.7
- Firmware Management for blades and rack servers in UCS domain. You can perform the following operations:
 - Upload firmware
 - Modify firmware package version for the host firmware packs with option to move the affected ESX host into maintenance mode before triggering the firmware upgrade
 - Acknowledge pending activities
 - Delete firmware package
 - Delete firmware upload task
- View VIF paths for servers
- Monitor UCS domain, chassis, fabric interconnect, fabric extender, ESX, and non-ESX servers
- View faults with ability to filter based on the severity
- Support for In-Band access with IPv4, and IPv6 addresses
- Managing of UCS domains using IPv6 addresses
- Enhancement to allow registered domains to be globally visible

- Support for Proactive High Availability (HA)—The Cisco UCS Provider supports the Proactive HA feature which allows you to protect the hosts within a vCenter cluster from potential failures

Available Actions

Support for the following actions on both ESX and non-ESX servers in UCS domains:

- Create hardware or template-based service profile
- Associate and disassociate service profiles
- Manage associated BIOS Policy and modify BIOS settings
- Manage host firmware pack
- Launch KVM
- Launch UCSM GUI

Support for the following UCS domain actions:

- Reload UCS Domain
- Associate server pool to server pool templates
- Associate host firmware pack to server pool templates
- Create service profile from a server pool template
- Associate host firmware pack to service profile

Enhancement to the Registration Tool, Release v1.2.0

- Enhancement to support registration of HTML plug-in

Installation and Upgrade Notes

Cisco UCS Manager Plug-in for vSphere HTML Client enables you to register and manage Cisco UCS domains. When you install Cisco UCS Manager plug-in, register UCS domains individually using UCS Manager user account. Depending on the UCS Manager user privileges you used while registering the UCS domain you can perform the actions. Also, each plug-in action supports the same privileges as Cisco UCS Manager.

For installation instructions, see *Cisco UCS Manager Plug-in for VMware vSphere HTML Client User Guide, Release 3.x* in Cisco Community.

Supported Upgrade

Upgrading from flex to HTML version is not supported. For more information, see *Cisco UCS Manager Plug-in for VMware vSphere HTML Client User Guide, Release 3.x* in Cisco Community.

Known Limitations

The following table lists the known limitations for the UCS Manager plug-in for VMware vSphere HTML Client

Defect ID	Symptom	Workaround	First Affected Release
CSCvc43849	<p>An error message is displayed when you re-login to the HTML client after the plug-in is unregistered. This issue occurs due to the following:</p> <ul style="list-style-type: none"> • When TLS1.0 is disabled on the vCenter • When the Cisco UCS Manager plug-in is unregistered while you are logged in to the HTML client 	Restart the HTML Client services.	2.0(1)
CSCvc24866	When you disconnect a host, remove and add it to the cluster again, the Proactive HA provider disappears from the cluster configuration.	Log off and relogin to the vSphere HTML client and relaunch the Cisco UCS plug-in.	2.0(1)

- The Proactive HA provider is paused when the HTML Client service restarts. To resume the Proactive HA provider, relaunch the plug-in

Open Bugs

The following table lists the open bugs in UCS Manager plug-in for VMware vSphere HTML Client:

Defect ID	Symptom	Workaround	First Affected Release
CSCvj84254	Selecting any category of fault in domain summary page displays all categories of faults.	Select the desired category of the fault manually.	3.0(1)
CSCvk35312	<p>Go to Domains > chassis/rack-unit/FI > related object and then try to click the menu button.</p> <p>Menu drop-down list is not displayed.</p>	Select any tab in the left pane and then click Menu .	3.0(1)

Defect ID	Symptom	Workaround	First Affected Release
CSCvk15348	Host Object Name label is missing	To perform the actions, right-click the respective domain/chassis/server and perform the actions. For example, for actions related to blade server, go to Domain > Chassis > Related Object > Non-esxi Server > and right-click the blade server and perform actions.	3.0(1)
CSCvk33778	Association state is not reflected in Chassis > More Objects page, but the association state is correct in the specific blade server page.	Reload UCS domain. (Go to FI > More Objects and right-click and select Reload UCS domain)	3.0(1)
CSCvc27447	When you restart the vCenter services, the health state changes during the vCenter downtime are not visible in the Proactive HA tasks or events. So, the host status remains unknown.	Relogin to the HTML client, and relaunch the Cisco UCS plug-in to resume proactive HA.	2.0(1)
CSCvc41800	The registered domain which is set to Visible to All Users disappear from the list if the domain is already registered as visible to none by other vCenter users.	To resolve this issue, register the domain again and set the parameter to visible to all.	2.0(1)

Defect ID	Symptom	Workaround	First Affected Release
CSCvc41819	<p>When you change the vCenter credentials, the following conditions occur:</p> <ul style="list-style-type: none"> • No notification sent to the HTML Client about the credential changes • The change in the health state before the update is not available in the Proactive HA tasks or event list 	Relogin to the HTML Client and relaunch the Cisco UCS plug-in.	2.0(1)

Resolved Bugs

Defect ID	Symptom	First Affected in Release	Resolved in Release
CSCve10123	<p>Any Cisco UCS Domain that is re-registered cannot be unregistered or edited.</p> <p>This issue is now resolved.</p>	2.0(2)	3.0(1)

Cisco UCS Communities

[Cisco UCS Communities](#) is a platform to discuss, share, and learn about the Cisco Products and Technologies. For blogs, discussion forums and documents related to UCS integrations with partner ecosystem, visit [Cisco UCS Integrations](#).

Related Cisco UCS Documentation

Documentation Roadmaps

For more information, you can access the related documents from the following links:

- [Cisco UCS Documentation Roadmap](#)
- *Cisco UCS Manager Plug-in for VMware vSphere HTML Client User Guide, Release 3.x* in Cisco Community.

Other Documentation Resources

An ISO file containing all B and C-Series documents is available at the following URL:

<https://software.cisco.com/download/type.html?mdfid=283853163&flowid=25821>

From this page, click **Unified Computing System (UCS) Documentation Roadmap Bundle**.

The ISO file is updated after every major documentation release.

Follow [Cisco UCS Docs](#) on Twitter to receive document update notifications.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation* at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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